

Claims

- [c1] 1. A method for automatically removing strobe in a digital image capturer of a mobile communication apparatus comprising:
- providing a local area data by said mobile communication apparatus, said local area data indicating an area where said mobile communication apparatus is located;
- generating a power frequency data corresponding to said local area data; and
- setting said digital image capturer based on said power frequency data to remove said strobe.
- [c2] 2.The method of claim 1, further comprising:
- said mobile communication apparatus detecting/communicating a telecommunication service network, said telecommunication service network providing a mobile communication service; and
- said telecommunication service network sending said local area data to said mobile communication apparatus.
- [c3] 3.The method of claim 1, wherein said step of generating said power frequency data corresponding to said local area data includes:
- providing a local area power frequency database; and

searching and obtaining said power frequency data based on said local area data and said local area power frequency database.

- [c4] 4. The method of claim 1, wherein said step of setting said digital image capturer based on said power frequency data to remove said strobe comprises adjusting an exposure gain of an image sensing chip of said digital image capturer based on said power frequency data.
- [c5] 5. The method of claim 1, wherein said mobile communication apparatus is a mobile phone.
- [c6] 6. The method of claim 5, wherein said mobile phone is suitable for a Global System for Mobile Communications (GSM).
- [c7] 7. The method of claim 6, wherein said local area data includes a mobile country code (MCC), and said step of generating said power frequency data corresponding to said local area data further includes generating said power frequency data corresponding to said mobile country code.
- [c8] 8. The method of claim 6, wherein said local area data includes a mobile network code (MNC), and said step of generating said power frequency data corresponding to said local area data further includes generating said

power frequency data corresponding to said mobile network code.

[c9] 9.The method of claim 1, wherein said digital image capturer is a digital camera.

[c10] 10.A mobile communication apparatus with a function for automatically removing strobe comprising:
a wireless communication module for connecting said mobile communication apparatus to a telecommunication service network;
a digital image capturer for capturing an image;
a local area power frequency database module for receiving a local area data and outputting a power frequency data corresponding to said local area data; and
a central processing module, coupled to said wireless communication module, said digital image capturer, and said local area power frequency database module;
wherein said central processing module obtains said local area data provided by said telecommunication service network via said wireless communication module, searches and obtains said power frequency data based on said local area data and said local area power frequency database, and adjusts an image capture time sequence of said digital image capturer based on said power frequency data to match said local area power frequency.

- [c11] 11. The apparatus of claim 10, wherein said mobile communication apparatus is a mobile phone.
- [c12] 12. The apparatus of claim 11, wherein said mobile phone is suitable for a Global System for Mobile Communications (GSM).
- [c13] 13. The apparatus of claim 12, wherein said local area data includes a mobile country code (MCC), and said step of generating said power frequency data corresponding to said local area data further includes generating said power frequency data corresponding to said mobile country code.
- [c14] 14. The apparatus of claim 12, wherein said local area data includes a mobile network code (MNC), and said step of generating said power frequency data corresponding to said local area data further includes generating said power frequency data corresponding to said mobile network code.
- [c15] 15. The apparatus of claim 10, wherein said digital image capturer is a digital camera.